

ABSTRACT

A manufacturing method of a ceramic structure of the present invention includes the steps of: forming a green body, which
5 results from mixing and kneading materials obtained as a consequence of adding a silicon metal and an organic binder to a silicon carbide powder material; forming a formed body by molding the obtained green body; prefiring the formed body; and placing the formed body (1) after prefiring on a layer formed
10 by a refractory firing powder (4) having a silicon metal and firing the formed body after prefiring. Adhesion of the fired body after the firing and the refractory firing powder (4) is suppressed, and evaporation of the silicon metal from the fired body is prevented.